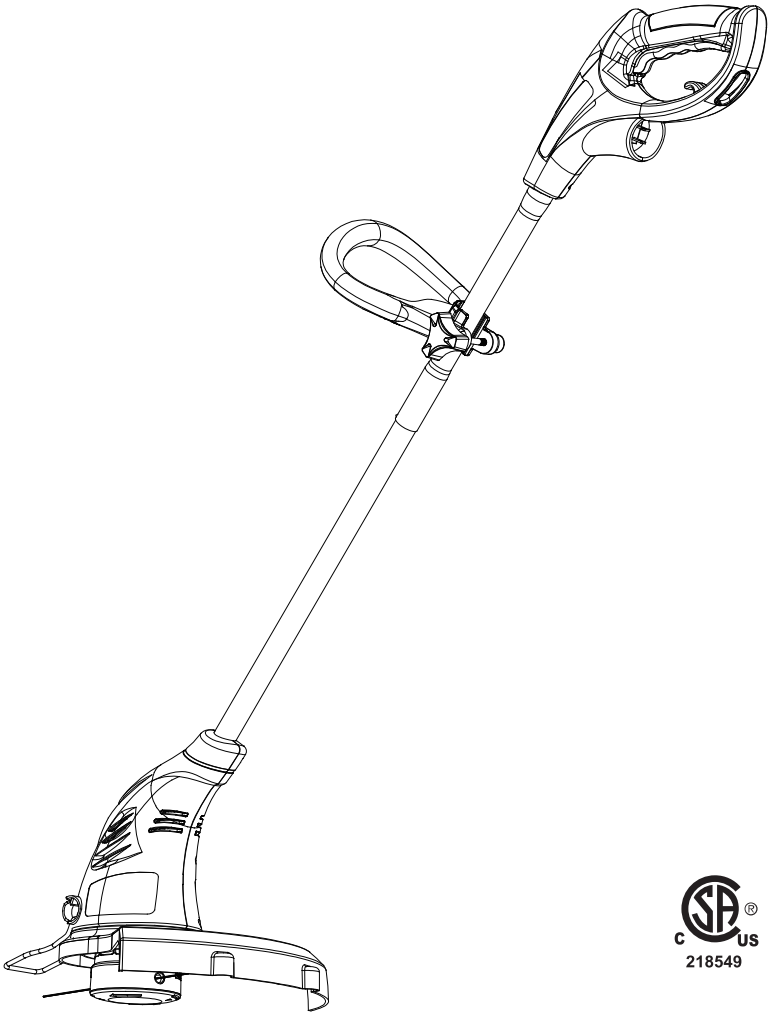
YARDWORKS®MD

# ELECTRIC GRASS TRIMMER

**060-2288-0**



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## Owner's Manual

**TOLL-FREE HELPLINE: 1-866-523-5218**

⚠ **WARNING:** Read and follow all safety rules and operating instructions before using this product.

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# Technical Data

Input.....120 V AC, 60 Hz, 3.7 A
Feed..... Automatic
Speed..... 9,000 RPM (no load)
Cutting path .....12’’(30cm)
Line diameter..... 0.065" (1.65 mm)
Weight.....5 lb 3 oz(2.36 kg)

# General Safety Rules

Safety is a combination of common sense, staying alert and knowing how to use your grass trimmer.

⚠ **WARNING:** TO AVOID MISTAKES THAT COULD CAUSE SERIOUS INJURY, DO NOT PLUG IN THE GRASS TRIMMER UNTIL THE FOLLOWING STEPS HAVE BEEN READ AND UNDERSTOOD.

1. READ and become familiar with this entire instruction manual. LEARN about the tool's applications, limitations and possible hazards.
2. AVOID DANGEROUS CONDITIONS. DO NOT use in wet or damp areas or expose to rain.
3. DO NOT use in the presence of flammable liquids or gases.
4. KEEP BYSTANDERS AT A SAFE DISTANCE. NEVER allow children near the tool.
5. DRESS FOR SAFETY. DO NOT wear loose clothing, gloves, neckties, or jewellery (rings, watches, etc.) when operating the tool. Loose clothing can get caught and draw you into moving parts.
6. ALWAYS WEAR EYE PROTECTION.
7. ALWAYS remove the extension cord plug from the electric outlet when making adjustments, changing parts or cleaning.
8. AVOID ACCIDENTAL START-UPS. Make sure the power switch is in the OFF position before plugging in the extension cord.
9. TREAT the extension cord with care. Do not use it to carry the tool. Keep cord away from heat, oil, sharp edges, or moving parts. Replace damaged cords immediately; they may create a shock or fire hazard.
10. NEVER LEAVE A RUNNING TOOL UNATTENDED. Turn the power switch to OFF. Do not leave the tool until it has come to a complete stop.
11. DO NOT OVERREACH. Keep proper footing and balance at all times.

**SAVE THESE SAFETY INSTRUCTIONS**

## General Safety Rules - continued

12. MAINTAIN TOOLS PROPERLY. ALWAYS keep tools clean and in good working order.

13. CHECK FOR DAMAGED PARTS. Check for alignment of moving parts, binding, breakage or any other conditions that may affect the tool's operation. Any part that is damaged should be properly repaired or replaced before use.

14. KEEP THE HANDLE DRY, CLEAN AND FREE OF OIL AND GREASE. Always use a clean cloth when cleaning. Do not use solvents, brake fluids, gasoline, or other petroleum products to clean the tool, because they may damage plastic parts.

**ALWAYS WEAR EYE PROTECTION.**
A grass trimmer can throw foreign objects into your eyes, which could cause permanent eye damage.
ALWAYS wear safety goggles (not glasses). Ordinary eyeglasses have only impact-resistant lenses—they are NOT safety goggles.

**SAVE THESE SAFETY INSTRUCTIONS**

## Specific Safety Rules for Grass Trimmers

1. IF YOU ARE NOT thoroughly familiar with using the grass trimmer, obtain advice from a qualified person.

2. MAKE SURE wiring codes and recommended electrical connections are observed. The grass trimmer is double insulated. When servicing, use only identical replacement parts.

3. DO NOT grasp the exposed cutting line when picking up or holding the grass trimmer.

4. AVOID UNINTENTIONAL STARTING. Don't carry the plugged-in grass trimmer with your finger on switch. Make sure the switch is in the OFF position when plugging in the grass trimmer.

5. DO NOT FORCE THE GRASS TRIMMER. It will do the job better and with less likelihood of injury when used at the pace for which it was designed.

6. The grass trimmer should be stored indoors in a dry, high, or locked location, out of children's reach, when not in use.

7. MAKE all adjustments with the switch in the OFF position and the grass trimmer disconnected from the power source.

> ⚠ **WARNING:** NEVER REACH UNDER THE GRASS TRIMMER (CUTTING LINE AREA) UNTIL IT HAS COMPLETELY STOPPED. THE GRASS TRIMMER'S CUTTING LINE WILL CONTINUE TO ROTATE FOR A FEW SECONDS AFTER IT IS SWITCHED OFF.

8. ALWAYS use accessories provided or recommended by the grass trimmer's manufacturer.

9. KEEP guards in place and in working order. Keep hands and feet away from cutting line.

10. WHEN LENGTHENING A NEW CUTTING LINE, be careful of the sharp line cutter on the guard.

11. KEEP VENTILATION OPENINGS clear of debris.

12. Before using the grass trimmer, remove any stones, sticks, debris or objects that could become entangled or ejected by the grass trimmer.

**SAVE THESE SAFETY INSTRUCTIONS**

# Symbols

Some of the following symbols may be used on this product. Please study them and learn their meaning. Proper interpretation of these symbols will allow you to operate the product better and safer.

| SYMBOL | NAME | DESIGNATION/EXPLANATION |
|---|---|---|
| | Safety Alert | Indicates a potential personal injury hazard. |
| | Read Operator's Manual | To reduce the risk of injury, user must read and understand operator's manual before using this product. |
| | Eye Protection | Always wear eye protection with side shields marked to comply with ANSI Z87.1. |
| | Wet Conditions Alert | Do not expose to rain or use in damp locations. |
| | Keep Bystanders Away | Keep all bystanders at least 50 ft. away. |
| | Ricochet | Thrown objects can ricochet and result in personal injury or property damage. |
| | No Blade | Do not install or use any type of blade on a product displaying this symbol. |
| ⎓ | Direct Current | Type or a characteristic of current |
| $n_o$ | No Load Speed | Rotational speed, at no load |
| .../min | Per Minute | Revolutions, strokes, surface speed, orbits etc., per minute |
| V | Volts | Voltage |
| Hz | Hertz | Frequency (cycles per second) |
| min | Minutes | Time |

**SAVE THESE SAFETY INSTRUCTIONS**

# Electrical Information

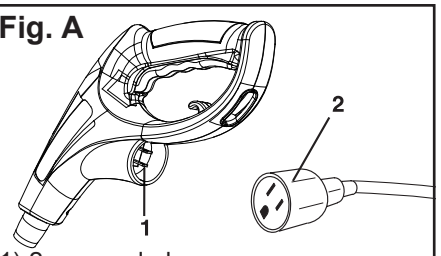
**⚠ WARNING:** TO AVOID ELECTRICAL HAZARDS, FIRE HAZARDS, OR DAMAGE TO THE TOOL, USE PROPER CIRCUIT PROTECTION. YOUR GRASS TRIMMER IS WIRED AT THE FACTORY FOR 120 V OPERATION. CONNECT TO A 120 V, 15 A CIRCUIT, AND USE A 15 A TIME-DELAYED FUSE OR CIRCUIT BREAKER. TO AVOID SHOCK OR FIRE, IF THE EXTENSION CORD IS WORN, CUT OR DAMAGED IN ANY WAY, REPLACE IT IMMEDIATELY.

**DOUBLE INSULATED**

This grass trimmer has a plug that looks like the one shown in Fig. A.

The grass trimmer is double insulated to provide a double thickness of insulation between you and the tool's electrical system. All exposed metal parts are isolated from the internal metal motor components with protective insulation.

**Fig. A**




1) 2-pronged plug
2) Properly grounded extension cord

**⚠ WARNING:** USE ONLY IDENTIFICAL REPLACEMENT PARTS WHEN SERVICING THE GRASS TRIMMER, TO AVOID INJURY.

**⚠ WARNING:** DOUBLE INSULATION DOES NOT TAKE THE PLACE OF NORMAL SAFETY PRECAUTIONS WHEN OPERATING THIS TOOL.

**⚠ WARNING:** TO AVOID ELECTROCUTION:

1. Use only identical replacement parts when servicing a tool with double insulation. Servicing should be performed by a qualified technician.
2. Do not use in wet or damp areas or expose to rain.

**SAVE THESE SAFETY INSTRUCTIONS**

# Electrical Information - continued

**CAUTION! ALWAYS MAKE SURE THAT YOUR OUTLET IS PROPERLY GROUNDED. IF UNCERTAIN, HAVE IT CHECKED BY A CERTIFIED ELECTRICIAN.**

⚠ **WARNING:** THIS GRASS TRIMMER IS FOR OUTDOOR USE ONLY. DO NOT EXPOSE TO RAIN OR USE IN DAMP LOCATIONS.

### GUIDELINES FOR USING EXTENSION CORDS

USE THE PROPER EXTENSION CORD. Make sure your extension cord is in good condition. When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. An undersized cord will cause overheating. The table below shows the correct size to use depending on cord length and nameplate ampere rating. If in doubt, use the next heavier gauge. The smaller the gauge number, the heavier the cord.

**Minimum Gauge for Extension Cords (AWG)**
(when using 120 V only)

| Ampere Rating | | Total Length of Cord in Feet (meters) | | | |
|---|---|---|---|---|---|
| More Than | Not More Than | 25' (7.6 m) | 50' (15 m) | 100' (30.4 m) | 150' (45.7 m) |
| 0 | 6 | 18 | 16 | 16 | 14 |
| 6 | 10 | 18 | 16 | 14 | 12 |
| 10 | 12 | 16 | 16 | 14 | 12 |
| 12 | 16 | 14 | 12 | Not Recommended | |

Make sure your extension cord is properly wired and in good electrical condition. Always replace a damaged extension cord or have it repaired by a qualified person before use. Keep extension cords away from sharp objects, excessive heat and damp or wet areas.

Use a separate electrical circuit for your tools. This circuit should comprise a wire of at least 12 gauge and should be protected with a 15 A time-delayed fuse. Before connecting the motor to the power line, make sure the switch is in the OFF position and the electric current is identical to that stamped on the motor nameplate. Running at a lower voltage will damage the motor.

⚠ **WARNING:** ALTHOUGH THIS TOOL IS DOUBLE INSULATED, THE EXTENSION CORD AND RECEPTACLE MUST STILL BE GROUNDED WHILE IN USE TO PROTECT THE OPERATOR FROM ELECTRICAL SHOCK.

**SAVE THESE SAFETY INSTRUCTIONS**

# Know Your Grass Trimmer

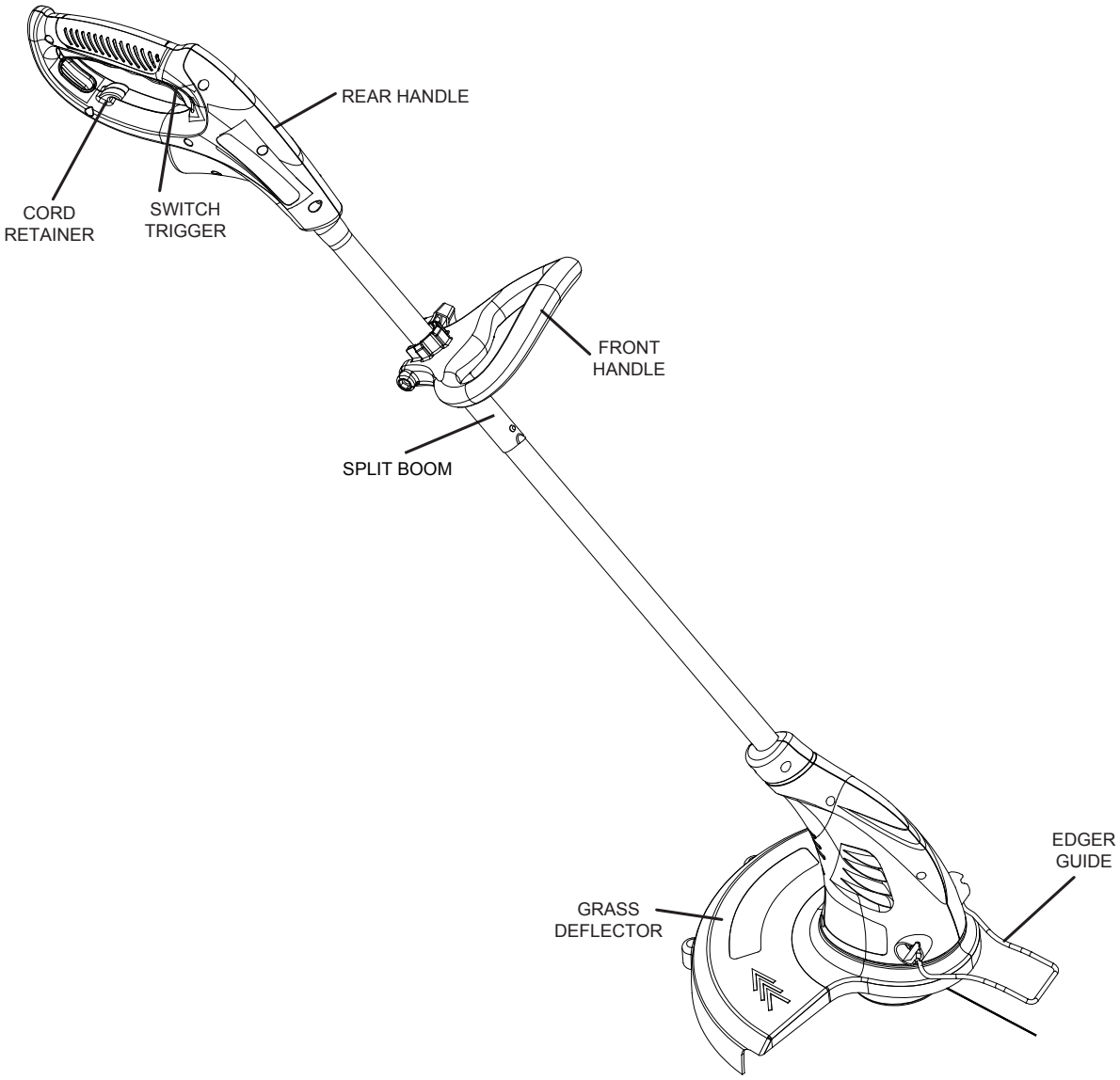



Fig. 1

# Assembly and Adjustments

## UNPACKING

This product requires assembly.

- Carefully remove the product and any accessories from the box. Make sure that all items listed in the packing list are included
- Inspect the product carefully to make sure no breakage or damage occurred during shipping.
- Do not discard the packing material until you have carefully inspected and satisfactorily operated the product.
- If any parts are damaged or missing, please call 1-866-523-5218 for assistance.

## PACKING LIST

Trimmer Assembly
Grass Deflector Assembly with Screw
Operator's Manual
Auxiliary handle

**WARNING:** If any parts are damaged or missing do not operate this product until the parts are replaced. Failure to heed this warning could result in serious personal injury.

**WARNING:** Do not attempt to modify this product or create accessories not recommended for use with this product. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious personal injury.

**WARNING:** Do not connect to power supply until assembly is complete. Failure to comply could result in accidental starting and possible serious personal injury.

## ATTACHING GRASS DEFLECTOR（Fig. 2-3）

- Remove supplied screw with a star-headed screwdriver from the trimmer head.
- Fit the grass deflector into the slots on trimmer head.
- Turn counterclockwise to lock grass deflector into place.
- Line up the screw hole in the grass deflector with the center hole in the trimmer head.
- Install supplied screw and tighten by turning clockwise with a star-headed screwdriver.

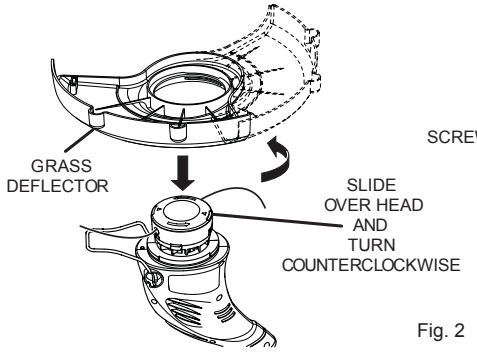



Fig. 2

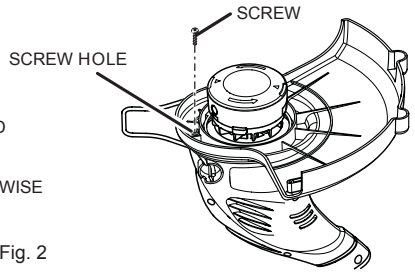



Fig. 3

# Assembly and Adjustments - continued

⚠ **WARNING:** DO NOT GRASP THE EXPOSED CUTTING LINE WHEN PICKING UP OR HOLDING THE GRASS TRIMMER.

⚠ **WARNING:** BEFORE CONNECTING YOUR GRASS TRIMMER TO THE EXTENSION CORD, ALWAYS TURN THE SWITCH TO THE OFF POSITION. FAILURE TO DO SO COULD RESULT IN ACCIDENTAL START-UP CAUSING SERIOUS INJURY.

**The Cutting Line (Fig. 4**)

A double-wound spool of monofilament cutting line is pre-installed on the grass trimmer. When the cutting line needs replacing, install a new spool.

**Use YARDWORKS 60-2269-6 replacement spools.**

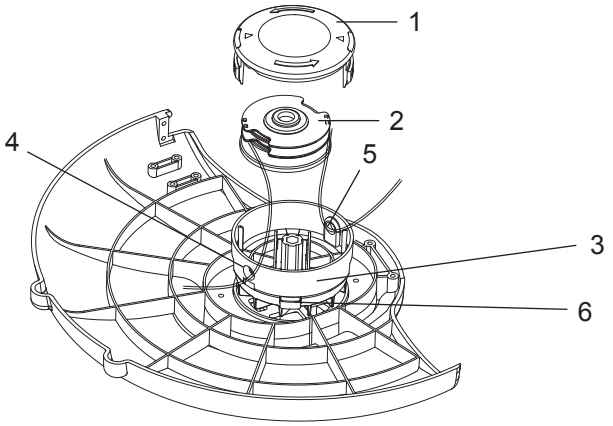
**To remove the spool:**

1. Unplug the extension cord.
2. Turn the grass trimmer over to access the spool (2).
3. Remove the spool cover by pressing on two tabs parallel to each other on the side of the cover (1).
4. Remove the spool (2) from the spool housing (3).

**To replace the spool:**

1. Replace the spool (2) with a new pre-wound spool.
2. Insert the end of one line through the opening (4) in the spool housing. Insert the other side of the line through the other opening (5).
3. Align the tabs on the spool cover with the slots in the spool housing on the trimmer head.
4. Push down on the spool cover, locking it to the spool housing.
5. To advance the line when initially installed, you must pull both sides of the line while pressing the black line release button on the side of the spool housing (6).

**Fig. 4**



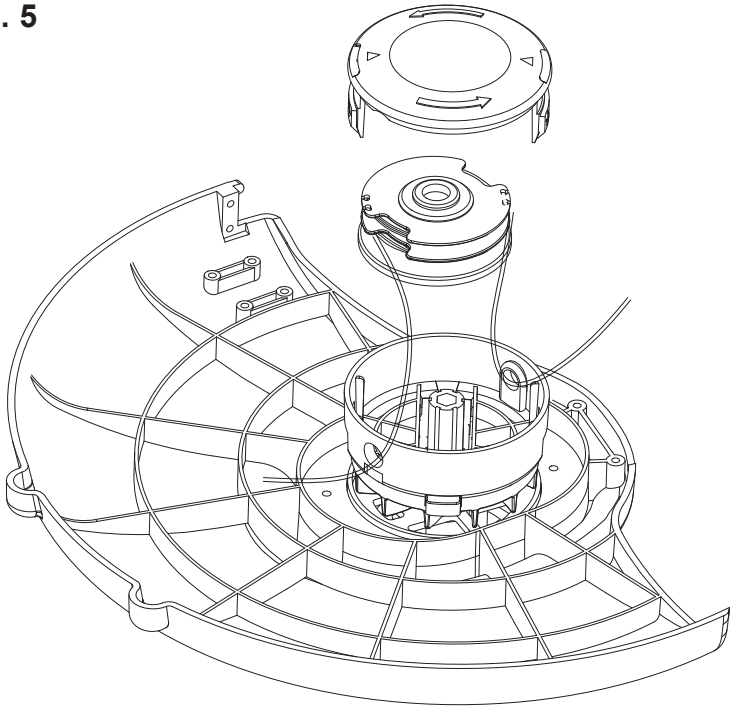
# Assembly and Adjustments - continued

**To refill the spool (Fig. 5):**

If you are unable to purchase a new pre-wound spool, you may purchase 0.065” (1.65 mm) nylon monofilament cutting line and refill the spool that was supplied with your grass trimmer.

1. Remove the spool from the trimmer head.
2. Cut a length of cutting line to approximately 20' (6.1 m) long and fold it in half.
3. Loop the “V” end of the cutting line into the small notch on the inner rail of the spool to anchor the line.
4. Wind the line evenly and tightly in a counter-clockwise direction. Make sure each section of the spool contains a separate thread.
5. Do not wind the line beyond the edge of the cutting spool.

**Fig. 5**



# Assembly and Adjustments - continued

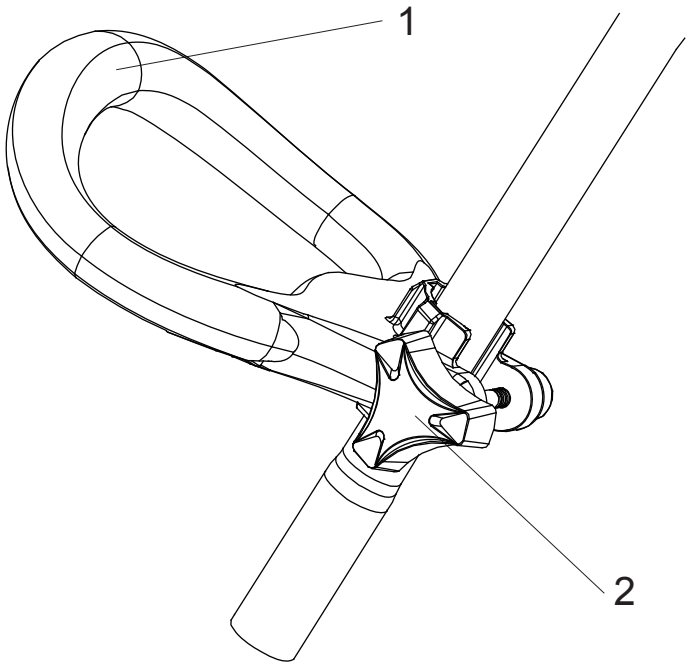
**Assembling and adjusting the Auxiliary handle (Fig.6)**

1. Position auxiliary handle (1)onto the upper portion of the trimmer shaft by sliding over shaft.
2. Once auxiliary handle is in the desired in use position tighten the knob (2) until locked into position.

⚠ **WARNING:** TO AVOID INJURY, ADJUST THE AUXILIARY HANDLE FOR OPTIMUM CONTROL AND BALANCE. DO NOT OVERREACH WHEN OPERATING THE GRASS TRIMMER. KEEP PROPER BALANCE FOR BETTER CONTROL OF THE TOOL IN UNEXPECTED SITUATIONS.

3. Before operating the grass trimmer, make sure the auxiliary handle (1) is tightly locked into position.
4. Turn the auxiliary handle adjustment knob (2) clockwise to lock the handle securely into position.

**Fig. 6**



# Operation

**WARNING:** Do not allow familiarity with products to make you careless. Remember that a careless fraction of a second is sufficient to inflict severe injury.

**WARNING:** Always wear safety goggles or safety glasses with side shields when operating products. Failure to do so could result in objects being thrown into your eyes resulting in possible serious injury.

**WARNING:** Do not use any attachments or accessories not recommended by the manufacturer of this product. The use of attachments or accessories not recommended can result in serious personal injury.

**STARTING/STOPPING THE TRIMMER (FIG. 8-9)**

- Attach the outlet end of an extension cord to the plug on the rear of the string trimmer.
  **NOTE:** Use only approved outdoor extension cords.
- Route the extension cord through the slot located on the rear of the string trimmer housing and place underneath the cord retainer.
- To start the string trimmer, press the switch trigger.
- To stop the string trimmer, release the switch trigger.

**OPERATING THE TRIMMER (Fig.10)**

**Follow these tips when using the string trimmer:**

- Press spring button, then connect up and down boom as Fig.7
- Hold the trimmer with your right hand on the rear handle and your left hand on the front handle.
- Keep a firm grip with both hands while in operation.
- Trimmer should be held at a comfortable position with the rear handle about hip height.
- Cut tall grass from the top down. This will prevent grass from wrapping around the shaft housing and string head which may cause damage from overheating.

**If grass becomes wrapped around the string head:**

- Stop the trimmer.
- Unplug the string trimmer.
- Remove the grass.

# Operation

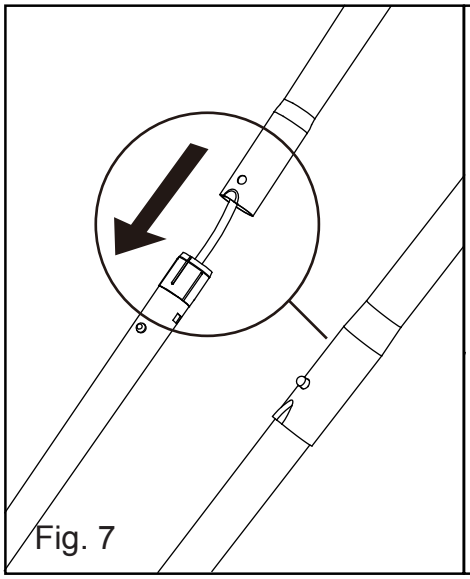


Fig. 7

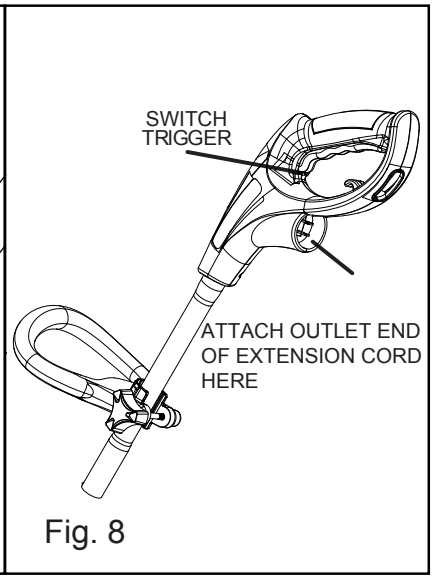



Fig. 8

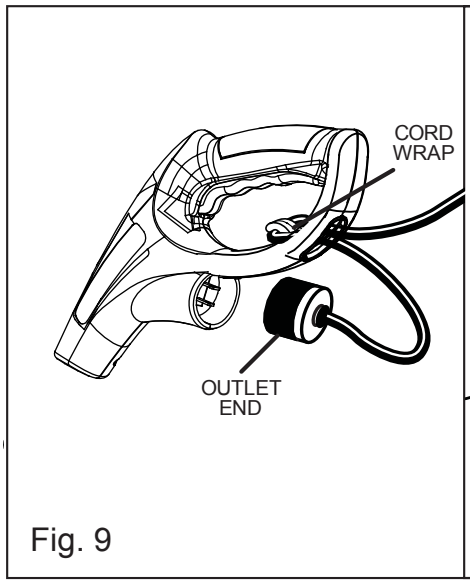



Fig. 9

Fig. 10

# Operation

**WARNING:** Always hold the string trimmer away from the body keeping clearance between the body and the string trimmer. Any contact with the string trimmer cutting head while operating can result in serious personal injury.

**ADVANCING STRINGS**

**NOTE:** The trimmer is equipped with an autofeed head. Bumping the head to try to advance the line will damage trimmer and void warranty.

- With the trimmer running, release the switch trigger.
- Wait two seconds, and press the switch trigger.

**NOTE:** The strings will extend approximately 1/4 " with each stop and start of the switch trigger until the strings reach the length of the grass deflector blade.

- Resume trimming.

**ADVANCING THE STRINGS MANUALLY**

Disconnect the string trimmer from the power supply, then push the spool retainer button in while pulling on strings to manually advance the strings.

**CUT OFF BLADE**

This trimmer is equipped with a cut-off blade on the grass deflector. For best cutting, advance strings until they are trimmed to length by the cut-off blade. Advance strings whenever you hear the engine running faster than normal, or when trimming efficiency diminishes. This will maintain best performance and keep strings long enough to advance properly.

**CUTTING TIPS (Fig.11)**

- Keep the trimmer tilted toward the area being cut; this is the best cutting area.
- The string trimmer cuts when passing the unit from left to right. This will avoid throwing debris at the operator. Avoid cutting in the dangerous area shown in figure 11.
- Use the tip of the string to do the cutting; do not force string head into uncut grass.
- Wire and picket fences cause extra string wear, even breakage. Stone and brick walls, curbs, and wood may wear strings rapidly.
- Avoid trees and shrubs. Tree bark, wood moldings, siding, and fence posts can easily be damaged by the strings.

# Operation

**SPLIT BOOM (Fig.12)**

- The trimmer can be splitted when you pack.
- Press spring button, then connect up and down boom.

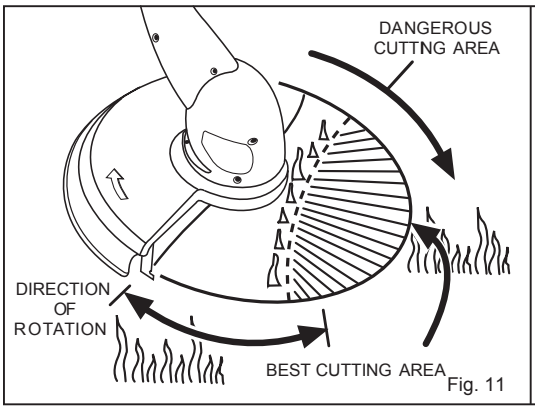


Fig. 11

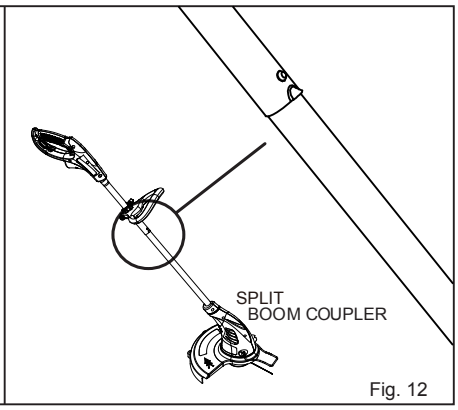


Fig. 12

# Maintenance

**⚠ WARNING:** TURN OFF THE TOOL AND UNPLUG THE EXTENSION CORD FROM THE OUTLET BEFORE MAINTAINING THE GRASS TRIMMER.

**GENERAL MAINTENANCE**

Keep your grass trimmer clean and in good repair for maximum performance and service life. Before each use, inspect the switch and cord for damage. Check for damaged, missing, or worn parts. Check for loose screws, misalignment, moving parts that are jammed, or any other conditions that may affect the operation. If abnormal vibration or noise occurs, turn off the tool immediately and have the problem corrected before further use. Do not use the grass trimmer until it is properly repaired or replaced.

**Cleaning**

**⚠ WARNING:** TO AVOID DAMAGE OR ELECTRIC SHOCK, DO NOT USE STRONG SOLVENTS OR DETERGENTS ON THE PLASTIC HOUSING OR PLASTIC COMPONENTS. CERTAIN HOUSEHOLD CLEANERS MAY DAMAGE THE PRODUCT AND MAY ALSO CAUSE A SHOCK HAZARD.

Wipe the outside of the grass trimmer with a dry soft cloth. Do not hose down or wash the grass trimmer with water. Scrape the guard and spool area to remove dried clippings and mud. Brush or blow dust, debris, and grass clippings out of the air vents. Keep the vents free of obstruction.

**Cutting Line**

Replace the cutting line only with nylon monofilament line on pre-wound spools. Always wind the line in the same direction as the arrow on the spool.

Use YARDWORKS 60-2269-6 replacement spools.

# Troubleshooting

| PROBLEM | POSSIBLE CAUSE | SOLUTION |
|---|---|---|
| Strings will not advance when using the Auto Feed Head: | 1. Strings are welded to themselves.<br>2. Not enough string on spool.<br>3. Strings are worn too short.<br>4. Strings are tangled on spool. | 1. Lubricate with silicone spray.<br>2. Install more string. Refer to **String Replacement** earlier in this manual.<br>3. Pull strings while alternately pressing down on and releasing spool retainer.<br>4. Remove strings from spool and rewind. Refer to **String Replacement** earlier in this manual. |
| Grass wraps around driveshaft housing and string head | 1. Cutting tall grass at ground level. | 1. Cut tall grass from the top down to prevent wrapping. |
| Motor fails to start when switch trigger is depressed. | 1. Power cord is not plugged in or connection is loose.<br>2. Household circuit breaker is tripped. | 1. Plug in the power cord.<br>2. Check circuit breaker. |

# WARRANTY

For TWO YEARS from the date of purchase within Canada, **YARDWORKS CANADA** will, at its option, repair or replace for the original purchaser, free or charge, any part or parts found to be defective in material or workmanship.

**This warranty does not cover:**

1. Any part that has become inoperative due to misuse, commercial use, abuse, neglect, accident, improper maintenance, or alteration; or
2. The unit, if it has not been operated and/or maintained in accordance with the owner's manual; or
3. Normal wear, except as noted below;
4. Routine maintenance items such as lubricants, trimmer line;
5. Normal deterioration of the exterior finish due to use or exposure.

Full One Hundred Twenty Days Warranty on Normal Wear Parts: Normal wear parts are defined as blade adaptors, blades, grass bags and tires. These parts are warranted to the original purchaser to be free from defects in material and workmanship for a period of one hundred twenty (120) days from the date of retail purchase.

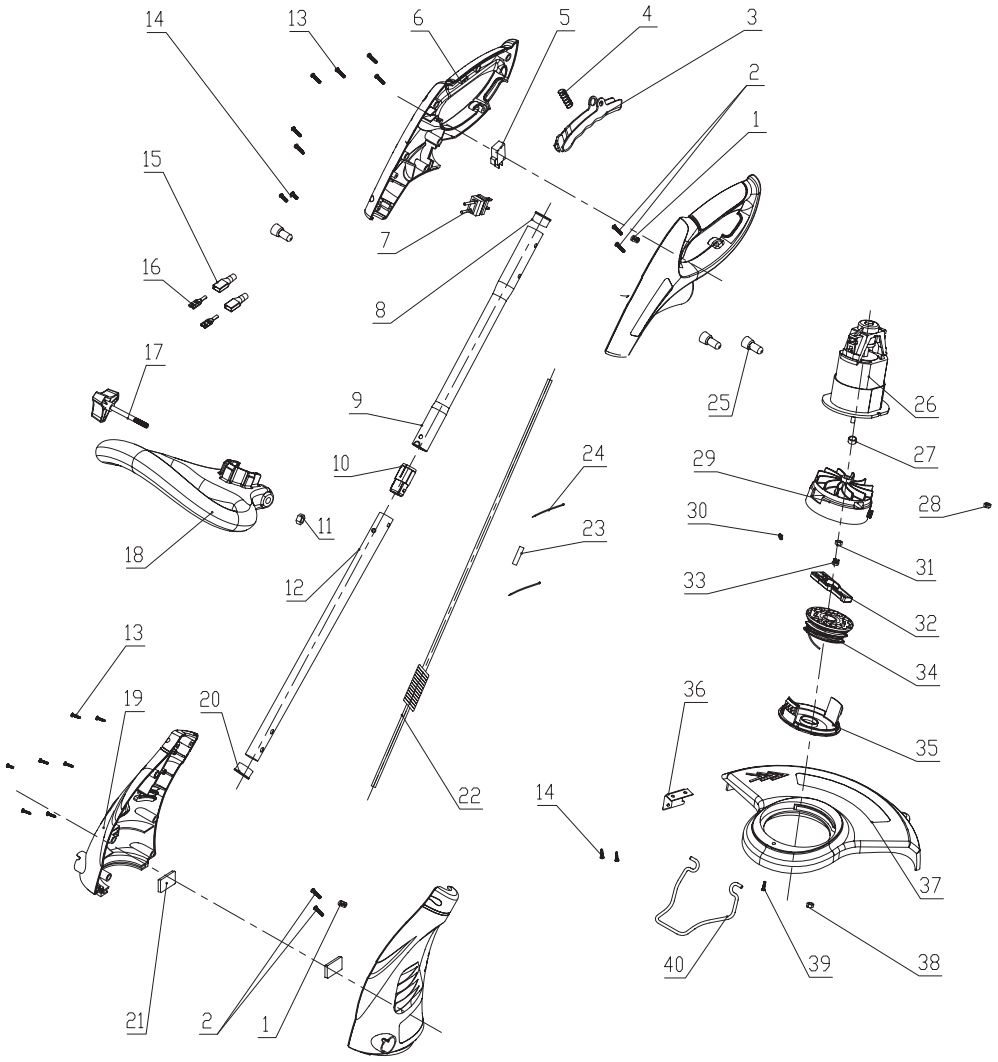
How to Obtain Service: Warranty service is available by calling the toll-free helpline, at 1-866-523-5218. **YARDWORKS** will not accept the return of a complete unit unless prior written permission has been extended by **YARDWORKS CANADA**.

Transportation Charges: Transportation charges for the movement of any power equipment unit or attachment are the responsibility of the purchaser. The purchaser must pay transportation charges for any part submitted for replacement under this warranty unless such return is requested in writing by **YARDWORKS CANADA**.

Other Warranties: All other warranties, express or implied, including any implied warranty of merchantability is limited in its duration to that set forth in this express limited warranty. The provisions as set forth in this warranty provide the sole and exclusive remedy of **YARDWORKS CANADA** obligations arising from the sale of its products.

**YARDWORKS CANADA** will not be liable for incidental or consequential loss or damage.

# Explored View



# Parts List

| Item No. | Part No. | Description | Qty |
|---|---|---|---|
| 1. | 3410801 | Wire holder | 2 |
| 2. | 3220505 | Screw | 4 |
| 3. | 3410313-4 | Switch holder | 1 |
| 4. | 33401178 | Switch spring | 1 |
| 5. | 36303152 | Mirco switch | 1 |
| 6. | 3130285-1 | Handle assembly | 1 |
| 7. | 3640185 | Inner plug | 1 |
| 8. | 3410182 | Cord protector | 1 |
| 9. | 33901374 | Up tube | 1 |
| 10. | 34101333 | Tube coupler | 1 |
| 11. | 3290205 | Nut M6 | 1 |
| 12. | 33902374 | Down tube | 1 |
| 13. | 3220313 | Screw | 13 |
| 14. | 3220905 | Screw | 4 |
| 15. | 34903161 | Flag terminal bushing | 2 |
| 16. | 36503163 | Flag terminal | 2 |
| 17. | 34101185 | 15'' knob | 1 |
| 18. | 34105185 | Auxiliary handle | 1 |
| 19. | 3130185-2 | Housing assembly | 1 |
| 20. | 3411105 | Cord protector | 1 |
| 21. | 34201178 | Rubber pad | 2 |
| 22. | 36901337 | Spring line | 1 |
| 23. | 3030118 | Bushing | 1 |
| 24. | 34111399 | Nylon belt | 2 |
| 25. | 3650135 | B terminal | 3 |
| 26. | 36101178 | Motor | 1 |
| 27. | 33202178 | Sheath | 1 |
| 28. | 3290105 | Nut M4 | 2 |
| 29. | 34107178 | AC fan | 1 |
| 30. | 3340646 | Spring | 1 |
| 31. | 3220439 | Nut M5 | 1 |
| 32. | 3410368 | Spool button | 1 |
| 33. | 3412505 | Fan plug | 1 |
| 34. | 31104178 | Auto-feed spool | 1 |
| 35. | 34108178A | Spool cover | 1 |
| 36. | 33300337 | Blade frame | 1 |
| 37. | 3410385 | Guard | 1 |
| 38. | 3290805A | Nut M4 | 1 |
| 39. | 3220811 | Screw M4x16 | 1 |
| 40. | 33301178 | Guide | 1 |